



Biography of Jacquelyn S. Fetrow, Dean of Wake Forest College and Reynolds Professor of Computational Biophysics, with joint appointments in both Departments of Physics and Computer Science.



As Dean of WF College, Dr. Fetrow has administrative responsibility for academic undergraduate concerns and is ultimately responsible for the arts and sciences undergraduate curricula, faculty, staffing, oversight of academic departments and programs and other academic matters.

Dr. Fetrow's research program, which is currently funded by the National Institutes of Health and the National Science Foundation, focuses on understanding the relationship between protein structure and function, and the development of computational methods to model biological systems. In addition to her ongoing research program at Wake Forest, Dr. Fetrow (together with colleagues in computer science) developed an innovative course in which students with mathematical backgrounds team with biophysics and biochemistry students to jointly develop a software solution to a bioinformatics problem that could not be solved by either group alone. She and one of her colleagues won the 2006 Wake Forest Teaching and Learning Center Innovative Teaching Award for this work.

Dr. Fetrow currently serves as Secretary/Treasurer of the Protein Society, an international professional organization, and on the Board of Directors of QuantumBio, an early stage biotechnology software company. Prior to her position at Wake Forest, Dr. Fetrow served for five years as Chief Scientific Officer and Director of GeneFormatics, a biotechnology software company. As part of the executive management team there, she played a key role in developing company strategy, raising over \$50 million in three funding rounds, building to a 65-person organization and merging of the company to another biotechnology software company in 2003. Dr. Fetrow co-invented GeneFormatics' primary technologies and holds a US patent for those inventions. In previous positions, she served on the faculties of The Scripps Research Institute for two years and the University at Albany in New York for seven years. At Albany, she received both the Chancellor's and President's awards for excellence in teaching. Dr. Fetrow earned a Ph.D. in biological chemistry from Pennsylvania State University in 1986.